

INTERNATIONAL SEARCH REPORT

Int. Application No
PL 17 GB2004/001263

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03B27/044

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/23387 A (MCMASTER RONALD A ; GLASSTECH INC (US)) 27 April 2000 (2000-04-27) page 8, line 7 - page 10, line 23; figures 1-4 page 13, line 7 - line 15	1-18
Y	US 4 816 058 A (RADERMACHER HERBERT ET AL) 28 March 1989 (1989-03-28) figure 7	1-5, 7-13, 15, 17, 18
Y	US 6 339 941 B1 (BREMER CARSTEN) 22 January 2002 (2002-01-22) column 2, line 46 - column 3, line 56; figures 1-5	1-5, 7-13, 15, 17, 18
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

23 June 2004

Date of mailing of the international search report

06/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Deckwerth, M

INTERNATIONAL SEARCH REPORT

In: International Application No

PCT/GB2004/001263

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 515 622 A (MCMASTER HAROLD A ET AL) 7 May 1985 (1985-05-07) column 7, line 37 - column 8, line 5; figures 6-8 column 8, line 49 - line 63	1-5, 7-13,15, 17,18
Y	US 3 388 984 A (CASWALL JR ROBERT D ET AL) 18 June 1968 (1968-06-18) column 3, line 9 - line 28; figure 1	6,14
Y	US 4 888 038 A (HERRINGTON RICHARD A ET AL) 19 December 1989 (1989-12-19) column 7, line 45 - column 8, line 58	16
A	US 3 125 430 A (RICHARDSON RONALD E) 17 March 1964 (1964-03-17) column 7, line 64 - column 8, line 30; figures 10-12	10,11
A	US 5 917 107 A (DUCAT PAUL D ET AL) 29 June 1999 (1999-06-29) figures 22,23	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/001263

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 0023387	A	27-04-2000	AU	1116100 A	08-05-2000
			CN	1324333 T	28-11-2001
			EP	1124765 A1	22-08-2001
			JP	2002527348 T	27-08-2002
			PL	347408 A1	08-04-2002
			WO	0023387 A1	27-04-2000
			US	6295842 B1	02-10-2001
US 4816058	A	28-03-1989	DE	3612720 A1	22-10-1987
			BR	8701826 A	26-01-1988
			DE	3760672 D1	09-11-1989
			EP	0246123 A1	19-11-1987
			FI	871682 A ,B,	17-10-1987
			JP	62270430 A	24-11-1987
			US	4874418 A	17-10-1989
US 6339941	B1	22-01-2002	FR	2768721 A1	26-03-1999
			EP	0939745 A1	08-09-1999
			WO	9915469 A1	01-04-1999
US 4515622	A	07-05-1985	NONE		
US 3388984	A	18-06-1968	NONE		
US 4888038	A	19-12-1989	AT	100428 T	15-02-1994
			AU	619036 B2	16-01-1992
			AU	4030889 A	06-09-1989
			BR	8905994 A	20-11-1990
			CA	1326136 C	18-01-1994
			DE	68912573 D1	03-03-1994
			DE	68912573 T2	16-06-1994
			EP	0394366 A1	31-10-1990
			ES	2012640 A6	01-04-1990
			FI	90759 B	15-12-1993
			FI	921963 A ,B,	30-04-1992
			JP	2503309 T	11-10-1990
			JP	2824303 B2	11-11-1998
			KR	9706992 B1	01-05-1997
			MX	163716 B	16-06-1992
			NZ	227947 A	26-07-1991
			NZ	237319 A	25-10-1991
			RU	2025468 C1	30-12-1994
			WO	8907581 A1	24-08-1989
			ZA	8901021 A	29-11-1989
US 3125430	A	17-03-1964	DE	1105119 B	
			FR	1241900 A	23-09-1960
			GB	866885 A	03-05-1961
US 5917107	A	29-06-1999	AU	1085299 A	15-06-1999
			EP	1327610 A1	16-07-2003
			EP	1034143 A1	13-09-2000
			JP	2001524440 T	04-12-2001
			WO	9926890 A1	03-06-1999
			US	6079094 A	27-06-2000